

**In the Claims:**

Please cancel claims 8-13 without prejudice or disclaimer, and amend claims 4-6 as follows:

1-3. (Cancelled)

4. (Currently Amended) A spotting pin formed to spot a solution containing at least one reagent on a plate, which comprises a solid member, wherein the solid member has ~~at least one a~~ recess formed only at a cylindrical head end thereof, said head end being formed to carry the reagent within the recess to the plate, wherein the recess is concave-shaped and comprises at least one a cross-shaped groove therein, and the groove has a width and a depth shorter than a head end width.
5. (Currently Amended) The spotting pin formed to spot a solution containing at least one reagent on a plate, which comprises a solid member, wherein the solid member has a recess formed only at a cylindrical head end thereof, said head end being formed to carry the reagent within the recess to the plate of claim 4, wherein the recess comprises is a cross-shaped groove, and the groove has a width and a depth shorter than a head end width.
6. (Currently Amended) A spotting pin formed to spot a solution containing at least one reagent on a plate, which comprises a solid member, wherein the solid member has ~~at least one a~~ recess formed only at a cylindrical head end thereof, said head end being formed to carry the reagent within the recess to the plate, wherein the recess comprises at least one two V-shaped notches crossing each other at right angles.

7-13. (Cancelled)